

06/19/2008

10-587,150-1.trn

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajem1625

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 11:35:30 ON 19 JUN 2008
FILE 'CAPLUS' ENTERED AT 11:35:30 ON 19 JUN 2008
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COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	28.21	424.83

	SINCE FILE	TOTAL
	ENTRY	SESSION
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		
CA SUBSCRIBER PRICE	-4.00	-8.00

=> FIL REGISTRY

	SINCE FILE	TOTAL
	ENTRY	SESSION
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	28.21	424.83

	SINCE FILE	TOTAL
	ENTRY	SESSION
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		
CA SUBSCRIBER PRICE	-4.00	-8.00

FILE 'REGISTRY' ENTERED AT 11:35:40 ON 19 JUN 2008
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STRUCTURE FILE UPDATES: 18 JUN 2008 HIGHEST RN 1029146-45-9
DICTIONARY FILE UPDATES: 18 JUN 2008 HIGHEST RN 1029146-45-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

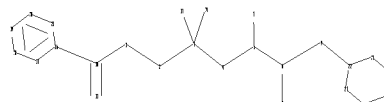
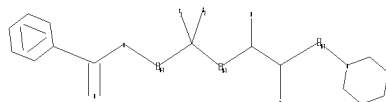
<http://www.cas.org/support/stngen/stndoc/properties.html>

06/19/2008

10-587,150-1.trn

=>

Uploading C:\Program Files\Stnexp\Queries\10-587,150-1.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 13 14

ring nodes :

16 17 18 19 20 21 22 23 24 25 26 27

chain bonds :

1-2 1-10 2-3 3-4 3-13 3-14 4-5 5-6 5-7 6-8 6-9 9-22 10-11 10-16

ring bonds :

16-17 16-21 17-18 18-19 19-20 20-21 22-23 22-27 23-24 24-25 25-26 26-27

exact/norm bonds :

1-2 1-10 3-13 3-14 5-7 6-8 9-22 10-11 22-23 22-27 23-24 24-25 25-26
26-27

exact bonds :

2-3 3-4 4-5 5-6 6-9 10-16

normalized bonds :

16-17 16-21 17-18 18-19 19-20 20-21

G1:H,Ak

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 13:CLASS 14:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom

L9 STRUCTURE UPLOADED

06/19/2008

10-587,150-1.trn

=> d 19

L9 HAS NO ANSWERS

L9 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s 19 sss sam

SAMPLE SEARCH INITIATED 11:36:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 12581 TO ITERATE

15.9% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 244899 TO 258341

PROJECTED ANSWERS: 0 TO 0

L10 0 SEA SSS SAM L9

=> s 19 sss full

FULL SEARCH INITIATED 11:36:24 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 254178 TO ITERATE

100.0% PROCESSED 254178 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.10

L11 12 SEA SSS FUL L9

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	178.82	603.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-8.00

FILE 'CAPLUS' ENTERED AT 11:36:42 ON 19 JUN 2008

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FILE COVERS 1907 - 19 Jun 2008 VOL 148 ISS 25
FILE LAST UPDATED: 18 Jun 2008 (20080618/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l11

L12 2 L11

=> d ibib abs hitstr 1-

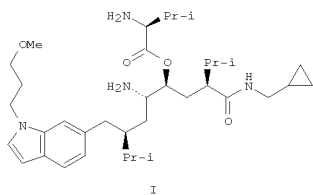
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

06/19/2008

10-587,150-1.trn

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:467208 CAPLUS
 DOCUMENT NUMBER: 148:472388
 TITLE: Preparation of amino alcohol derivatives as renin inhibitors
 INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane
 PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.
 SOURCE: Eur. Pat. Appl., 39pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1911762	A1	20080416	EP 2006-121768	20061004
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			EP 2006-121768	20061004
OTHER SOURCE(S):		MARPAT 148:472388		
GI				

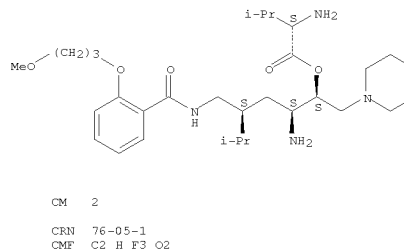


AB The invention relates to substituted amino alcs. Q-NHCH(CH₂CR₂R₃CH₂-T)CH(CH₂-X)O-Z [Q is H, a radical A whereby an amide bond is formed, or CO₂CHR₆COOR₇; T is R₁, R₁CO, or R₁CONR₅; X is NR₅CO₂R₄, -alkylene-CONR₄R₅, or NR₈R₉; Z is H or a radical A whereby an ester bond is formed; R₁ is aryl or nitrogen-containing heterocyclyl; R₂, R₃ are H or alkyl or together are cycloalkyl; R₄ is (un)substituted alkyl, whereby hydroxy groups are optionally substituted by a radical A forming an ester bond; R₅ is H or alkyl; R₆ is optionally carboxy- or hydroxy-substituted alkyl or arylalkyl; R₇ is alkyl; NR₈R₉ is a ring; A is a mono- or dipeptidic residue of one or two of the 20 natural amino acids; a radical A is

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 present in at least one of R₄, Q or Z or at least Q is a group of formula CO₂CHR₆COOR₇] or their pharmaceutically-acceptable salts, including a process for their prepn. and use as medicines, in particular as renin inhibitors. The enzymic substrate portion of the compd. is simultaneously a substrate for a membrane transporter. Thus, amino acid deriv. I bis(trifluoroacetate) was prepd. by a multistep sequence involving amide and ester forming reactions.
 IT 1020111-90-3P 1020111-92-5P 1020111-94-7P 1020111-96-9P 1020111-98-1P
 RL: PAC (Pharmacological activity); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of amino alc. derivs. as renin inhibitors)
 RN 1020111-90-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

CM 1
 CRN 1020111-99-0
 CMF C30 H52 N4 O5

Absolute stereochemistry.



RN 1020111-92-5 CAPLUS
 CN L-Valine, glycyl-, (1S,2S,4S)-2-amino-4-[[[2-(3-methoxypropoxy)benzoyl]amino]methyl]-5-methyl-1-(1-piperidinylmethyl)hexyl

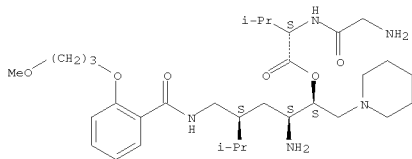


L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 ester, 2,2,2-trifluoroacetate (1:3) (CA INDEX NAME)

CM 1

CRN 1020111-91-4
 CMF C32 H55 N5 O6

Absolute stereochemistry.



CM 2

CRN 76-05-1
 CMF C2 H F3 O2



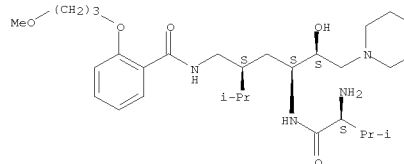
RN 1020111-94-7 CAPLUS
 CN L-arabino-Hexitol, 3-[[[(2S)-2-amino-3-methyl-1-oxobutyl]amino]-1,3,4,5,6-pentadeoxy-6-[[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-1-(1-piperidinyl)-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 1020111-93-6
 CMF C30 H52 N4 O5

Absolute stereochemistry.

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CM 2

CRN 76-05-1
 CMF C2 H F3 O2

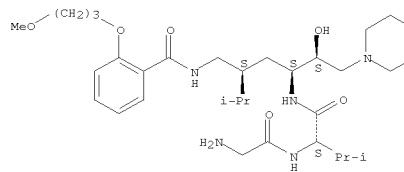


RN 1020111-96-9 CAPLUS
 CN L-Valinamide, 3-[[[(1S,3S)-1-[(1S)-1-hydroxy-2-(1-piperidinyl)ethyl]-glycyl-N-[(1S,3S)-1-[[[2-(3-methoxypropoxy)benzoyl]amino]methyl]-4-methylpentyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 1020111-95-8
 CMF C32 H55 N5 O6

Absolute stereochemistry.



CM 2

06/19/2008

10-587,150-1.trn

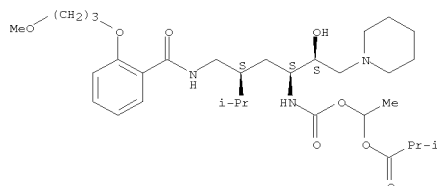
L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 76-05-1
CMF C2 H F3 O2

RN 1020111-98-1 CAPLUS

CN L-arabino-Hexitol, 1,3,4,5,6-pentadeoxy-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-3-[[[1-(2-methyl-1-oxopropoxy)ethoxy]carbonyl]amino]-1-(1-piperidinyl)- (CA INDEX NAME)

Absolute stereochemistry.



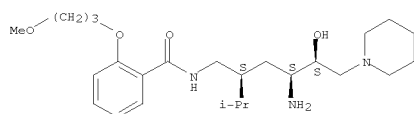
IT 861772-91-0

RL: PRPH (Prophetic); RCT (Reactant); RACT (Reactant or reagent)
(preparation of amino alc. derivs. as renin inhibitors)

RN 861772-91-0 CAPLUS

CN L-arabino-Hexitol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-1-(1-piperidinyl)- (CA INDEX NAME)

Absolute stereochemistry.



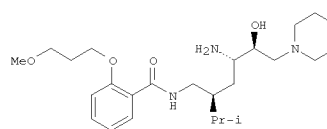
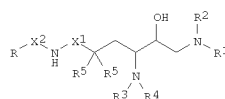
L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:696864 CAPLUS
DOCUMENT NUMBER: 143:172542
TITLE: Preparation of diamino alcohols as renin inhibitors
INVENTOR(S): Herold, Peter; Stutz, Stefan; Stojanovic, Aleksandar; Tachinke, Vincenzo; Marti, Christiane; Quirnbach, Michael
PATENT ASSIGNEE(S): Speedel Experimenta A.-G., Switz.
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070871	A2	20050804	WO 2005-EP50274	20050121
WO 2005070871	A3	20050922		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GM, GR, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2553840	A1	20050804	CA 2005-2553840	20050121
CN 1910135	A	20070207	CN 2005-80003052	20050121
BR 2005006491	A	20070213	BR 2005-6491	20050121
EP 1756037	A2	20070228	EP 2005-716591	20050121
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2007520487	T	20070726	JP 2006-550178	20050121
IN 2006DN04191	A	20070713	IN 2006-DN4191	20060720
US 20070155743	A1	20070705	US 2006-587150	20060724
PRIORITY APPLN. INFO.:			CH 2004-96	A 20040123
			CH 2004-9604	A 20040123
			WO 2005-EP50274	W 20050121

OTHER SOURCE(S): CASREACT 143:172542; MARPAT 143:172542
GIL12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
REFERENCE COUNT: 4
THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



AB Title compds. I [R1 = H, OH, amino, etc.; R2 = alkyl, cycloalkyl, alkylsulfonyl, etc.; R3-4 = H, alkyl, alkoxy, carbonyl, etc.; R5 = H, alkyl, etc.; one of X1 and X2 = CO and the other = CH2; R = (un)substituted unsatd. carbocyclic or heterocyclic radical] are prepared For instance,

II is prepared in several steps from Me (2S,4S)-4-benzoyloxymethyl-2-(tert-butoxycarbonylamino)-5-methylhexanecarboxylate and 2-(3-methoxypropoxy)benzoic acid. I are renin inhibitors [no data] useful for the treatment of hypertension, heart failure, glaucoma, cardiac infarction, kidney failure or restenosis.

IT 861450-95-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diamino alcs. as renin inhibitors)

RN 861450-95-5 CAPLUS

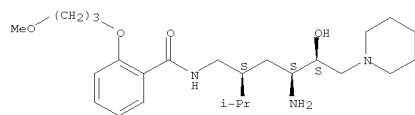
CN L-arabino-Hexitol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-1-(1-piperidinyl)-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

06/19/2008

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L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

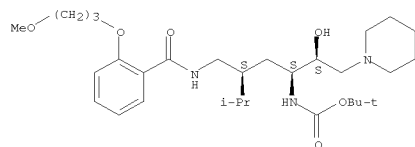


● 2 HCl

IT 861451-04-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of diamino alcs. as renin inhibitors)
RN 861451-04-9 CAPLUS
CN L-arabino-Hexitol, 1,3,4,5,6-pentadeoxy-3-[[[(1,1-

dimethylethoxy)carbonyl]amino]-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-
methylethyl)-1-(1-piperidinyl)- (CA INDEX NAME)

Absolute stereochemistry.



06/19/2008

10-587,150-1.trn

=>

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajem1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications

06/19/2008

10-587,150-1.trn

NEWS 28 JUN 19 CAS REGISTRY includes selected substances from
web-based collections

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:18:53 ON 19 JUN 2008

=> FIL REGISTRY		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 16:19:09 ON 19 JUN 2008
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STRUCTURE FILE UPDATES: 18 JUN 2008 HIGHEST RN 1029146-45-9
DICTIONARY FILE UPDATES: 18 JUN 2008 HIGHEST RN 1029146-45-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

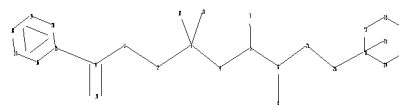
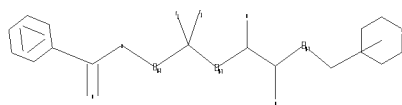
<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

06/19/2008

10-587,150-1.trn

Uploading C:\Program Files\Stnexp\Queries\10-587,150-1a.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 12 13 25 26

ring nodes :

15 16 17 18 19 20 29 30 31 32 33 34

chain bonds :

1-2 1-9 2-3 3-4 3-12 3-13 4-5 5-6 5-7 6-8 6-25 9-10 9-15 25-26

ring bonds :

15-16 15-20 16-17 17-18 18-19 19-20 29-30 29-34 30-31 31-32 32-33 33-34

exact/norm bonds :

1-2 1-9 3-12 3-13 5-7 6-8 9-10 29-30 29-34 30-31 31-32 32-33 33-34

exact bonds :

2-3 3-4 4-5 5-6 6-25 9-15 25-26

normalized bonds :

15-16 15-20 16-17 17-18 18-19 19-20

G1:H,Ak

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 12:CLASS 13:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
25:CLASS 26:CLASS 29:CLASS 30:CLASS 31:CLASS 32:Atom 33:Atom 34:Atom
35:Atom

L1 STRUCTURE UPLOADED

06/19/2008

10-587,150-1.trn

=> d l1
L1 HAS NO ANSWERS
L1 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 16:19:46 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9663 TO ITERATE

20.7% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 187368 TO 199152
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 16:19:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 193622 TO ITERATE

100.0% PROCESSED 193622 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.09

L3 12 SEA SSS FUL L1

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.82	179.03

FILE 'CAPLUS' ENTERED AT 16:20:12 ON 19 JUN 2008
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10-587,150-1.trn

FILE COVERS 1907 - 19 Jun 2008 VOL 148 ISS 25
FILE LAST UPDATED: 18 Jun 2008 (20080618/ED)

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L4 2 L3

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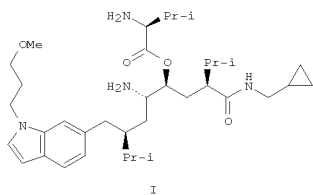
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

06/19/2008

10-587,150-1.trn

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:467208 CAPLUS
 DOCUMENT NUMBER: 148:472388
 TITLE: Preparation of amino alcohol derivatives as renin inhibitors
 INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane
 PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.
 SOURCE: Eur. Pat. Appl., 39pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1911762	A1	20080416	EP 2006-121768	20061004
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			EP 2006-121768	20061004
OTHER SOURCE(S):		MARPAT 148:472388		
GI				

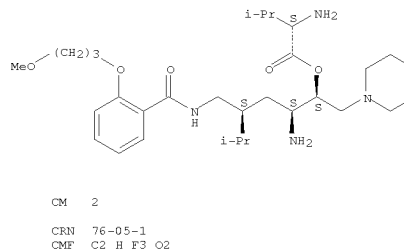


AB The invention relates to substituted amino alcs. Q-NHCH(CH₂CR₂R₃CH₂-T)CH(CH₂-X)O-Z [Q is H, a radical A whereby an amide bond is formed, or CO₂CHR₆COOR₇; T is R₁, R₁CO, or R₁CONR₅; X is NR₅COR₄, -alkylene-CONR₄R₅, or NR₈R₉; Z is H or a radical A whereby an ester bond is formed; R₁ is aryl or nitrogen-containing heterocyclyl; R₂, R₃ are H or alkyl or together are cycloalkyl; R₄ is (un)substituted alkyl, whereby hydroxy groups are optionally substituted by a radical A forming an ester bond; R₅ is H or alkyl; R₆ is optionally carboxy- or hydroxy-substituted alkyl or arylalkyl; R₇ is alkyl; NR₈R₉ is a ring; A is a mono- or dipeptidic residue of one or two of the 20 natural amino acids; a radical A is

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 present in at least one of R₄, Q or Z or at least Q is a group of formula CO₂CHR₆COOR₇] or their pharmaceutically-acceptable salts, including a process for their prepn. and use as medicines, in particular as renin inhibitors. The enzymic substrate portion of the compd. is simultaneously a substrate for a membrane transporter. Thus, amino acid deriv. I bis(trifluoroacetate) was prepd. by a multistep sequence involving amide and ester forming reactions.
 IT 1020111-90-3P 1020111-92-5P 1020111-94-7P 1020111-96-9P 1020111-98-1P
 RL: PAC (Pharmacological activity); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of amino alc. derivs. as renin inhibitors)
 RN 1020111-90-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

CM 1
 CRN 1020111-99-0
 CMF C30 H52 N4 O5

Absolute stereochemistry.



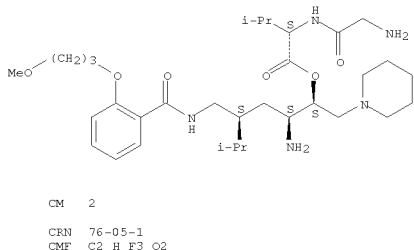
RN 1020111-92-5 CAPLUS
 CN L-Valine, glycyl-, (1S,2S,4S)-2-amino-4-[[[2-(3-methoxypropoxy)benzoyl]amino]methyl]-5-methyl-1-(1-piperidinylmethyl)hexyl

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 ester, 2,2,2-trifluoroacetate (1:3) (CA INDEX NAME)

CM 1

CRN 1020111-91-4
 CMF C32 H55 N5 O6

Absolute stereochemistry.



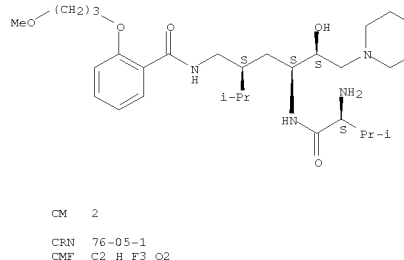
RN 1020111-94-7 CAPLUS
 CN L-arabino-Hexitol, 3-[[[(2S)-2-amino-3-methyl-1-oxobutyl]amino]-1,3,4,5,6-pentadeoxy-6-[[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-1-(1-piperidinyl)-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 1020111-93-6
 CMF C30 H52 N4 O5

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

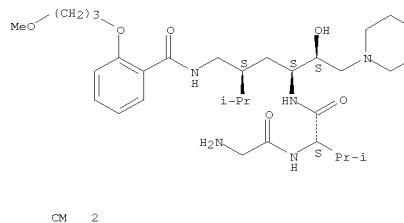


RN 1020111-96-9 CAPLUS
 CN L-Valinamide, 3-[[[(1S,3S)-1-[(1S)-1-hydroxy-2-(1-piperidinyl)ethyl]-glycyl-N-[[[(1S,3S)-1-[[[2-(3-methoxypropoxy)benzoyl]amino]methyl]-4-methylpentyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 1020111-95-8
 CMF C32 H55 N5 O6

Absolute stereochemistry.



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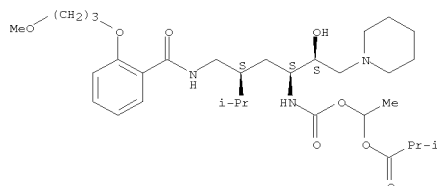
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 76-05-1
CMF C2 H F3 O2

RN 1020111-98-1 CAPLUS

CN L-arabino-Hexitol, 1,3,4,5,6-pentadeoxy-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-3-[[[1-(2-methyl-1-oxopropoxy)ethoxy]carbonyl]amino]-1-(1-piperidinyl)- (CA INDEX NAME)

Absolute stereochemistry.



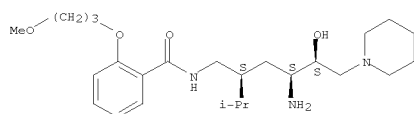
IT 861772-91-0

RL: PRPH (Prophetic); RCT (Reactant); RACT (Reactant or reagent)
(preparation of amino alc. derivs. as renin inhibitors)

RN 861772-91-0 CAPLUS

CN L-arabino-Hexitol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-1-(1-piperidinyl)- (CA INDEX NAME)

Absolute stereochemistry.



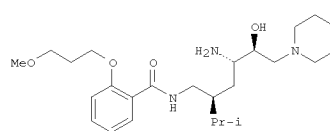
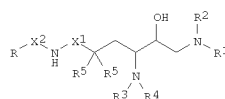
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:696864 CAPLUS
DOCUMENT NUMBER: 143:172542
TITLE: Preparation of diamino alcohols as renin inhibitors
INVENTOR(S): Herold, Peter; Stutz, Stefan; Stojanovic, Aleksandar; Tachinke, Vincenzo; Marti, Christiane; Quirnbach, Michael
PATENT ASSIGNEE(S): Speedel Experimenta A.-G., Switz.
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070871	A2	20050804	WO 2005-EP50274	20050121
WO 2005070871	A3	20050922		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TH, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2553840	A1	20050804	CA 2005-2553840	20050121
CN 1910135	A	20070207	CN 2005-80003052	20050121
BR 2005006491	A	20070213	BR 2005-6491	20050121
EP 1756037	A2	20070228	EP 2005-716591	20050121
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2007520487	T	20070726	JP 2006-550178	20050121
IN 2006DN04191	A	20070713	IN 2006-DN4191	20060720
US 20070155743	A1	20070705	US 2006-587150	20060724
PRIORITY APPLN. INFO.:			CH 2004-96	A 20040123
			CH 2004-9604	A 20040123
			WO 2005-EP50274	W 20050121

OTHER SOURCE(S): CASREACT 143:172542; MARPAT 143:172542
GIL4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
REFERENCE COUNT: 4
THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



AB Title compds. I [R1 = H, OH, amino, etc.; R2 = alkyl, cycloalkyl, alkylsulfonyl, etc.; R3-4 = H, alkyl, alkoxy carbonyl, etc.; R5 = H, alkyl, etc.; one of X1 and X2 = CO and the other = CH2; R = (un)substituted unsatd. carbocyclic or heterocyclic radical] are prepared For instance,

II is prepared in several steps from Me (2S,4S)-4-benzoyloxymethyl-2-(tert-butoxycarbonylamino)-5-methylhexanecarboxylate and 2-(3-methoxypropoxy)benzoic acid. I are renin inhibitors [no data] useful for the treatment of hypertension, heart failure, glaucoma, cardiac infarction, kidney failure or restenosis.

IT 861450-95-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diamino alcs. as renin inhibitors)

RN 861450-95-5 CAPLUS

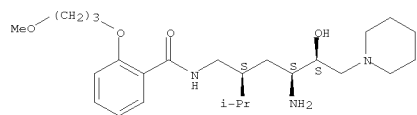
CN L-arabino-Hexitol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-1-(1-piperidinyl)-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2 HCl

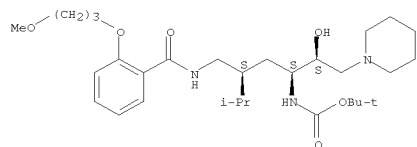
IT 861451-04-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

RN 861451-04-9 CAPLUS
(preparation of diamino alcs. as renin inhibitors)

CN L-arabino-Hexitol, 1,3,4,5,6-pentadeoxy-3-[[[(1,1-

dimethylethoxy)carbonyl]amino]-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-
methylethyl)-1-(1-piperidinyl)- (CA INDEX NAME)

Absolute stereochemistry.



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